

WHAT IS CLAIMED IS:

1. A temporary connection for connecting a golf club shaft with an additional club component, said temporary connection comprising:

an elongated adapter insert defining a thrust flange;

an adapter socket having a size and shape for slide-fit reception of said adapter insert, said adapter socket defining a thrust seat for substantially seated reception of said thrust flange when said adapter insert is slidably received into said adapter socket, said adapter insert and socket further including interengageable surfaces for substantially preventing relative rotation therebetween when said adapter insert is slidably received into said adapter socket;

first connection means for removably interconnecting said adapter insert and socket with said thrust flange seated upon said thrust seat; and

second connection means including a resilient anchor member interposed between said adapter insert and socket at a position spaced axially from said thrust flange and said thrust seat, said anchor member being at least partially compressed when said thrust flange is seated upon said thrust seat for substantially constraining said adapter insert and socket against relative movement.

2. The temporary connection of claim 1 wherein the additional club component comprises a golf club head having a hosel, one of said adapter insert and said adapter socket being on said hosel, and the other of said adapter insert and said adapter socket being on said club shaft.

3. The temporary connection of claim 2 wherein said adapter socket is on said hosel, and said adapter insert is on said club shaft.

4. The temporary connection of claim 1 wherein the additional component comprises a golf club hand grip segment, one of said adapter

insert and said adapter socket being on said club shaft, and the other of said adapter insert and said adapter socket being on said hand grip segment.

5 5. The temporary connection of claim 4 wherein said adapter insert is on said club shaft, and said adapter socket is on said hand grip segment.

10 6. The temporary connection of claim 1 wherein said interengageable surfaces comprise an external spline segment on said adapter insert, and an internal spline segment within said adapter socket.

15 7. The temporary connection of claim 1 wherein said first connection means comprises a compression nut carried by one of said adapter insert and socket and defining an internal thread and an internal thrust shoulder, and an external thread formed on the other of said adapter insert and socket, said compression nut being threadably engageable with said external thread for urging said thrust shoulder against one of said thrust flange and thrust seat for axially displacing said thrust flange into seated engagement upon said thrust seat.

20 8. The temporary connection of claim 7 wherein said compression nut is carried by said adapter insert, and said external thread is formed on said adapter socket.

25 9. The temporary connection of claim 7 further including a backstop reaction member on said one of said adapter insert and socket, said backstop reaction member being engageable by said compression nut upon unthreading thereof from said external thread for axially separating said adapter insert from said adapter socket.

30 10. The temporary connection of claim 1 wherein said first connection means comprises a lock pin removably fastened through said

adapter insert and socket when said thrust flange is seated upon said thrust seat.

5 11. The temporary connection of claim 1 wherein said first connection means comprises a snap ring removably mounted onto said adapter insert and socket when said thrust flange is seated upon said thrust seat.

10 12. The temporary connection of claim 1 wherein said first connection means comprises a quick-connect-disconnect assembly for locking said adapter insert and socket against relative axial displacement when said thrust flange is seated upon said thrust seat.

15 13. The temporary connection of claim 1 wherein said first connection means comprises a lock bolt threadably connected to said adapter insert for drawing and retaining said thrust flange in seated engagement upon said thrust seat.

20 14. The temporary connection of claim 1 wherein said anchor member substantially constrains said adapter insert against axial displacement relative to said adapter socket.

25 15. The temporary connection of claim 1 wherein said anchor member substantially constrains said adapter insert against rotational displacement relative to said adapter socket.

30 16. The temporary connection of claim 1 wherein said anchor member substantially constrains said adapter insert against axial and rotational displacement relative to said adapter socket.

 17. The temporary connection of claim 1 wherein said anchor member comprises a generally cylindrical bushing seated within a base end

of said adapter socket, and wherein said adapter insert includes a nose end defining a tip for press-fit reception into said bushing and a bearing shoulder for axially bearing against said bushing, when said thrust flange is seated upon said thrust seat.

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18. The temporary connection of claim 1 wherein said anchor member is axially spaced from said thrust flange and said thrust seat by at least about 1 to 2 inches, when said thrust flange is seated upon said thrust seat.

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19. The temporary connection of claim 1 further including a reinforcement plug carried within said adapter insert.

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20. A temporary connection for connecting a golf club shaft with an additional club component, said temporary connection comprising:

an elongated adapter insert defining a thrust flange;

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an adapter socket having a size and shape for slide-fit reception of said adapter insert, said adapter socket defining a thrust seat for substantially seated reception of said thrust flange when said adapter insert is slidably received into said adapter socket, said adapter insert and socket further including interengageable surfaces for substantially preventing relative rotation therebetween when said adapter insert is slidably received into said adapter socket;

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first connection means for removably interconnecting said adapter insert and socket with said thrust flange seated upon said thrust seat, said first connection means including a compression nut carried by one of said adapter insert and socket and defining an internal thread and an internal thrust shoulder, and an external thread formed on the other of said adapter insert and socket, said compression nut being threadably engageable with said external thread for urging said thrust shoulder against one of said thrust flange and thrust seat for axially displacing said thrust flange into seated engagement upon said thrust seat; and

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second connection means including a resilient anchor member seated within a base end of said adapter socket and interposed between said adapter insert and socket at a position spaced axially from said thrust flange and said thrust seat, said anchor member being at least partially compressed when said thrust flange is seated upon said thrust seat for substantially constraining said adapter insert and socket against relative movement.

21. A golf club, comprising:

an elongated golf club shaft having a lower end;

an elongated adapter insert carried by said club shaft at said club shaft lower end;

a thrust flange carried by said club shaft at a position generally adjacent to said club shaft lower end;

a club head having a hosel;

an adapter socket carried by said hosel and having a size and shape for slide-fit reception of said adapter insert, said adapter socket defining a thrust seat for substantially seated reception of said thrust flange when said adapter insert is slidably received into said adapter socket, said adapter insert and socket further including interengageable surfaces for substantially preventing relative rotation therebetween when said adapter insert is slidably received into said adapter socket;

first connection means for removably interconnecting said adapter insert and socket with said thrust flange retained in axially seated relation upon said thrust seat; and

second connection means including a resilient anchor member interposed between said adapter insert and socket at a position spaced axially from said thrust flange and said thrust seat, said anchor member being at least partially compressed when said thrust flange is seated upon said thrust seat for substantially constraining said adapter insert and socket against relative movement.

22. The golf club of claim 21 wherein said interengageable surfaces comprise an external spline segment on said adapter insert, and an internal spline segment within said adapter socket.

5 23. The golf club of claim 21 wherein said first connection means comprises a compression nut carried by one of said adapter insert and socket and defining an internal thread and an internal thrust shoulder, and an external thread formed on the other of said adapter insert and socket, said
10 compression nut being threadably engageable with said external thread for urging said thrust shoulder against one of said thrust flange and thrust seat for axially displacing said thrust flange into seated engagement upon said thrust seat.

15 24. The golf club of claim 23 wherein said compression nut is carried by said adapter insert, and said external thread is formed on said adapter socket.

20 25. The golf club of claim 23 further including a backstop reaction member on said one of said adapter insert and socket, said backstop reaction member being engageable by said compression nut upon unthreading thereof from said external thread for axially separating said adapter insert from said adapter socket.

25 26. The golf club of claim 21 wherein said anchor member substantially constrains said adapter insert against axial and rotational displacement relative to said adapter socket.

30 27. A golf club, comprising:
 an elongated golf club shaft having an upper end;
 an elongated adapter insert carried by said club shaft at said club shaft upper end;

a thrust flange carried by said club shaft at a position generally adjacent to said club shaft upper end;

a hand grip segment;

an adapter socket carried by said hand grip segment and having
5 a size and shape for slide-fit reception of said adapter insert, said adapter socket defining a thrust seat for substantially seated reception of said thrust flange when said adapter insert is slidably received into said adapter socket, said adapter insert and socket further including interengageable surfaces for substantially preventing relative rotation therebetween when said adapter
10 insert is slidably received into said adapter socket;

first connection means for removably interconnecting said adapter insert and socket with said thrust flange retained in axially seated relation upon said thrust seat; and

second connection means including a resilient anchor member
15 interposed between said adapter insert and socket at a position spaced axially from said thrust flange and said thrust seat, said anchor member being at least partially compressed when said thrust flange is seated upon said thrust seat for substantially constraining said adapter insert and socket against relative movement.

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28. The golf club of claim 27 wherein said first connection means comprises a compression nut carried by one of said adapter insert and socket and defining an internal thread and an internal thrust shoulder, and an external thread formed on the other of said adapter insert and socket, said
25 compression nut being threadably engageable with said external thread for urging said thrust shoulder against one of said thrust flange and thrust seat for axially displacing said thrust flange into seated engagement upon said thrust seat.

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29. The golf club of claim 28 wherein said compression nut is carried by said adapter insert, and said external thread is formed on said adapter socket.